FIG. 1
PRIOR ART

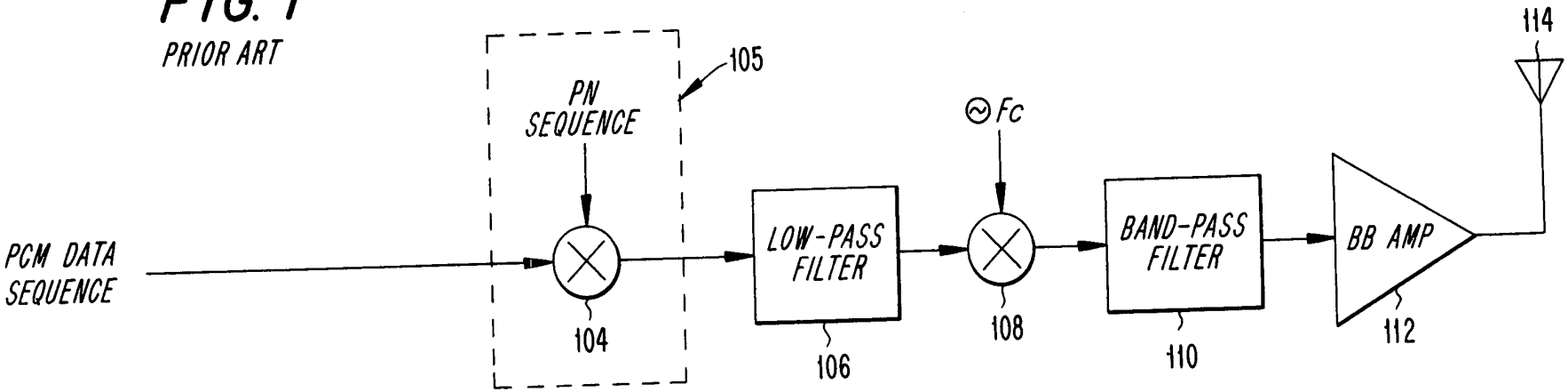


FIG. 1A
PRIOR ART

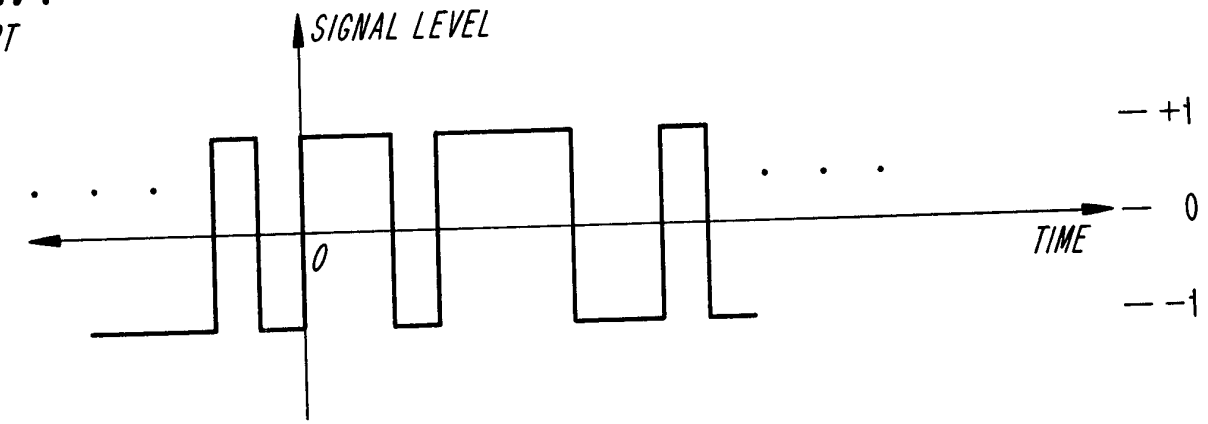


FIG. 2A
PRIOR ART

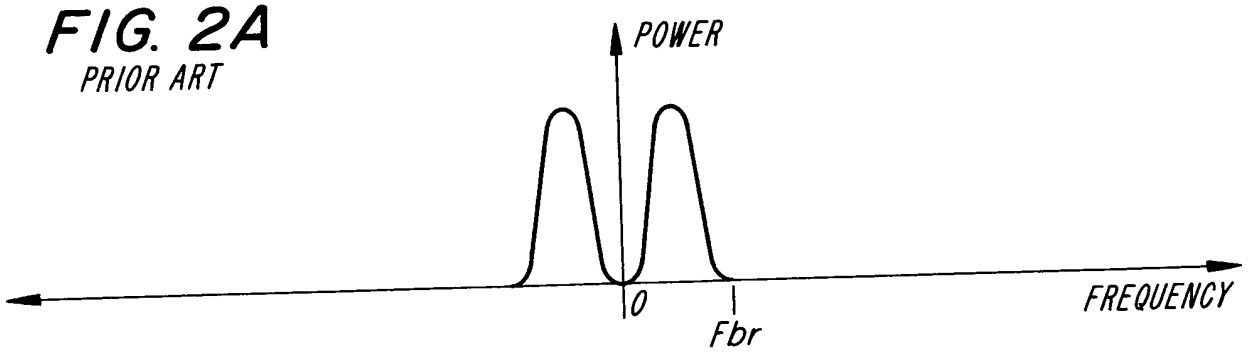


FIG. 2C
PRIOR ART

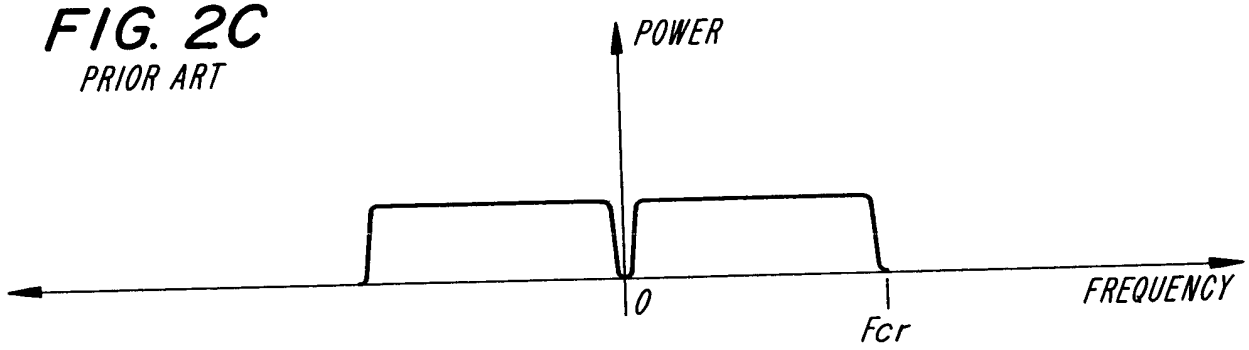
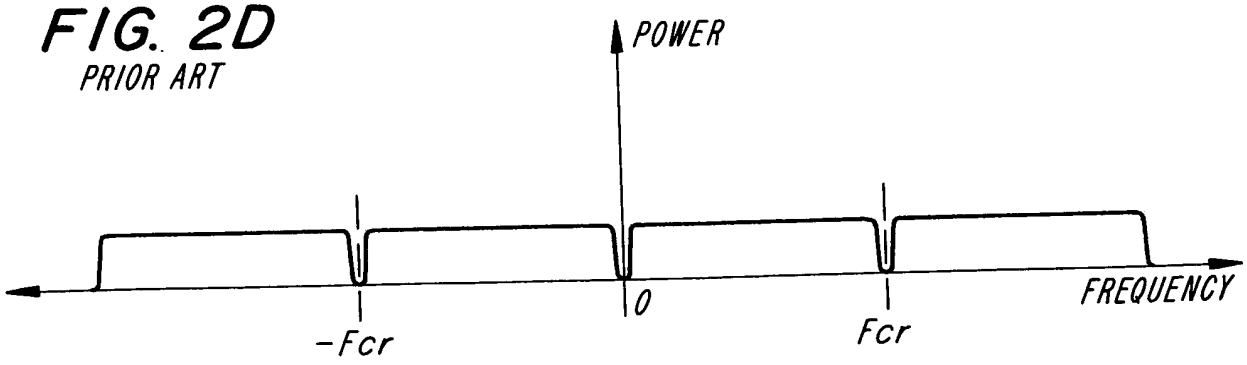


FIG. 2D
PRIOR ART



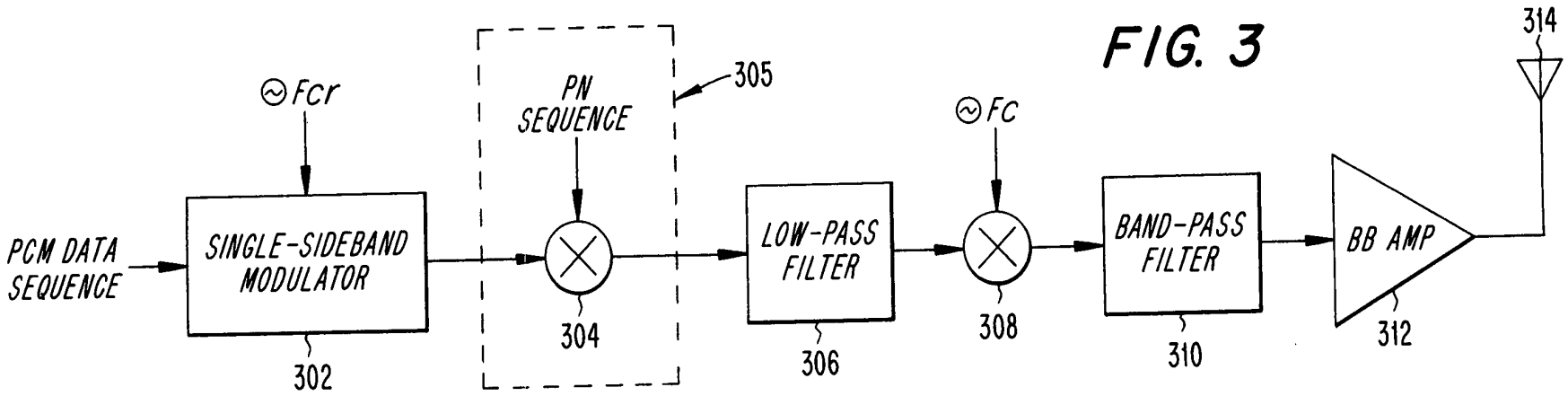

PCM DATA SEQUENCE
SINGLE-SIDEBAND MODULATOR
302
Fcr
PN SEQUENCE
305
304
LOW-PASS FILTER
306
Fc
308
BAND-PASS FILTER
310
BB AMP
312
314

FIG. 3

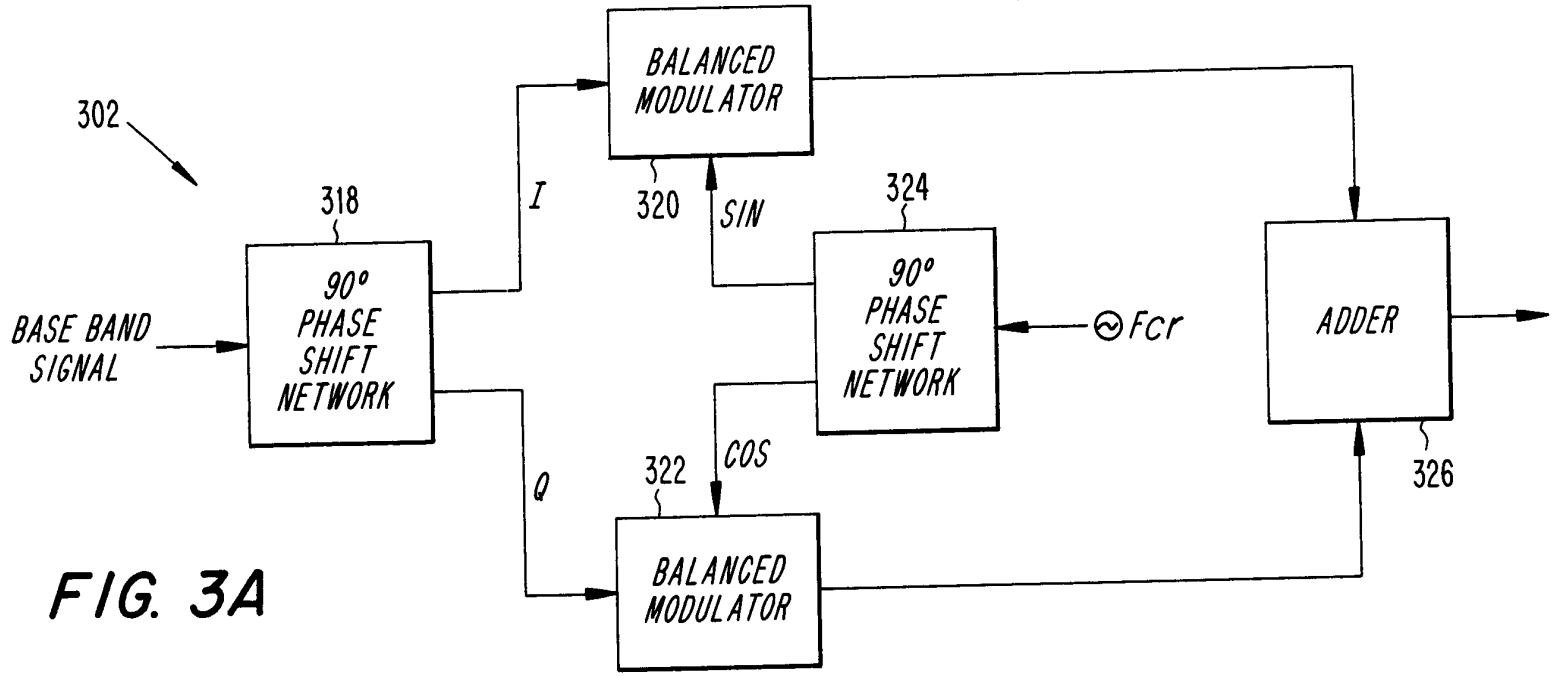

302
BASE BAND SIGNAL
318
90° PHASE SHIFT NETWORK
I
Q
BALANCED MODULATOR
320
SIN
324
90° PHASE SHIFT NETWORK
Fcr
COS
322
BALANCED MODULATOR
ADDER
326

FIG. 3A

FIG. 4A

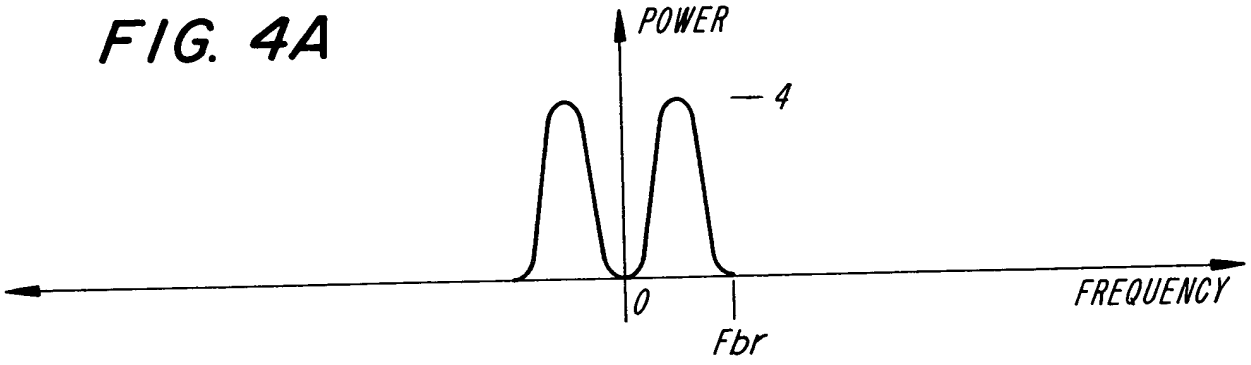


FIG. 4B

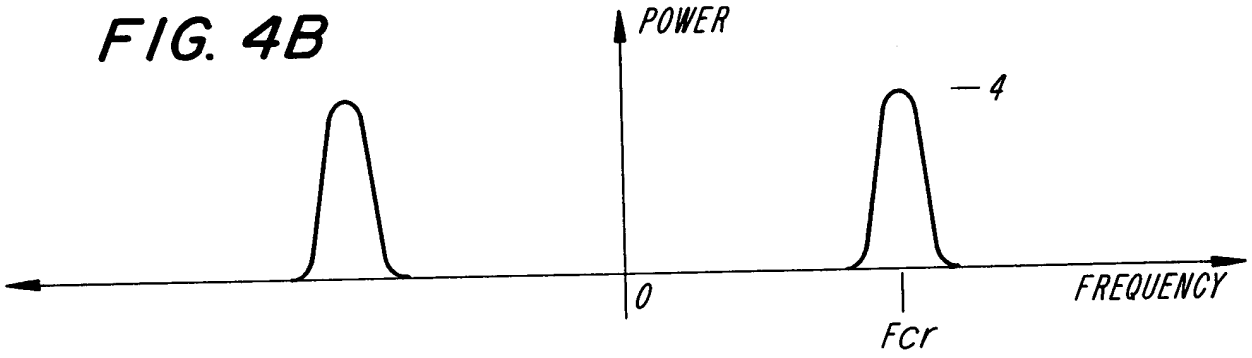


FIG. 4C

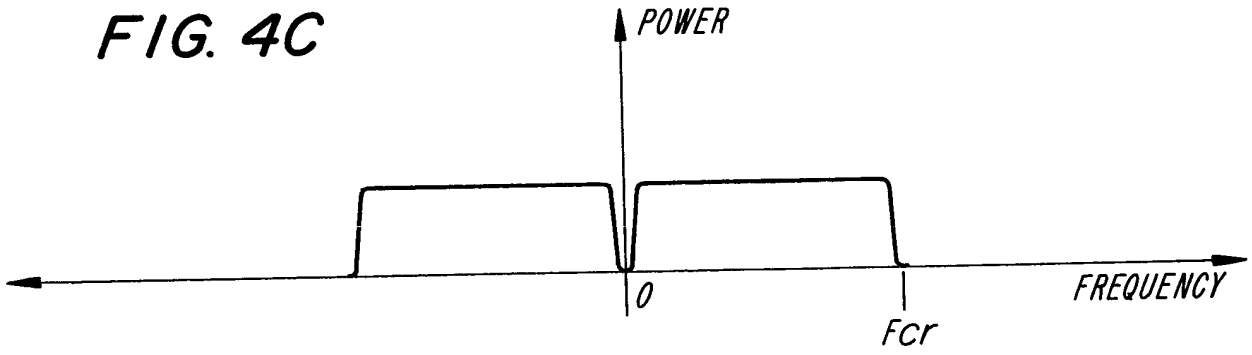


FIG. 4D

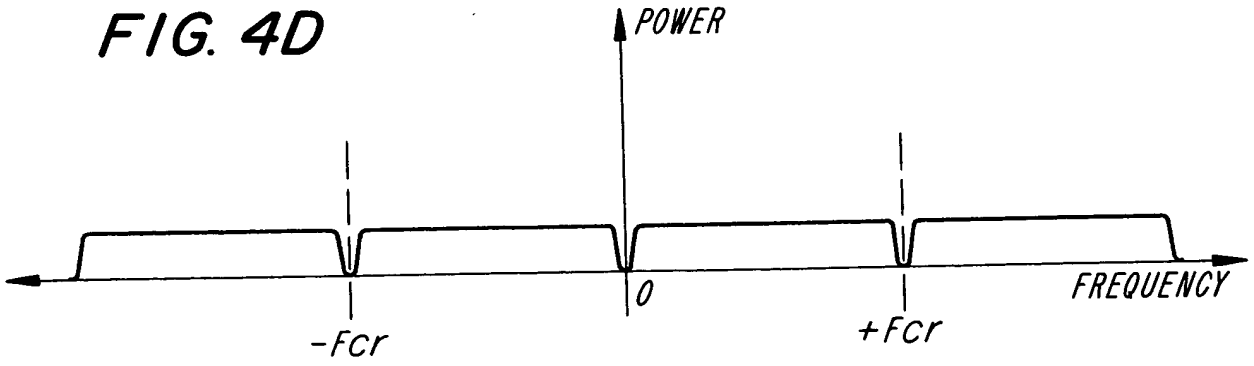


FIG. 5
PRIOR ART

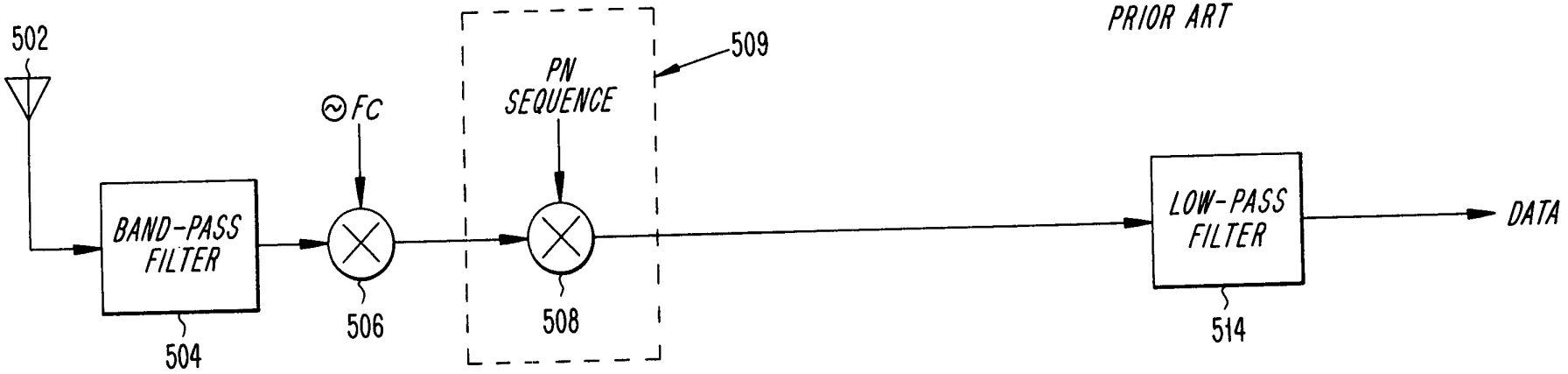


FIG. 7

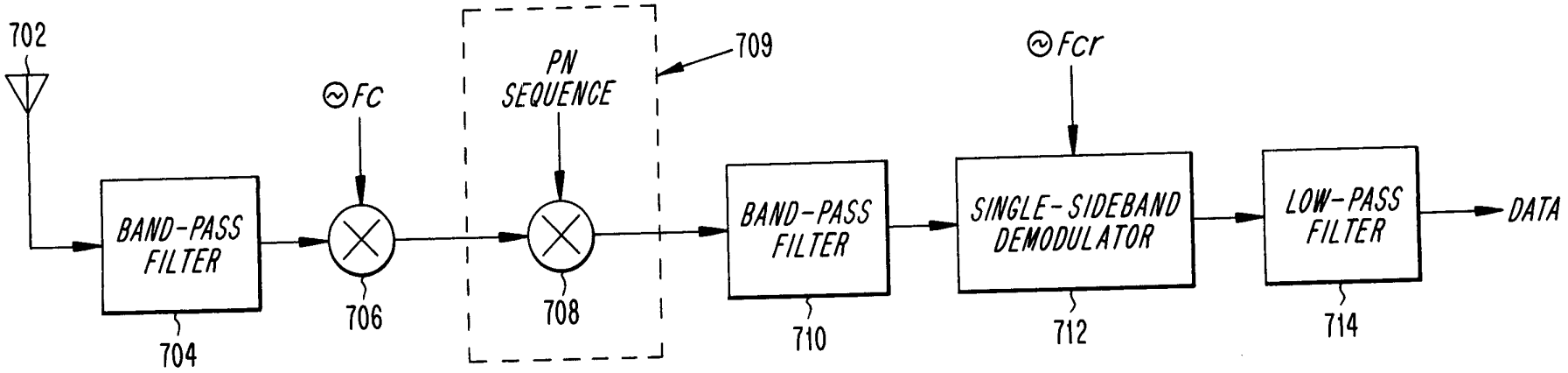


FIG. 6A
PRIOR ART

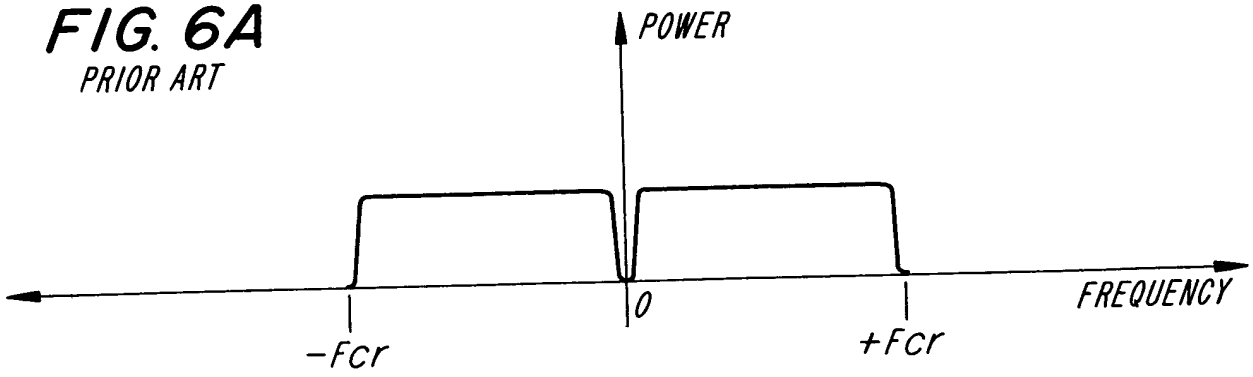


FIG. 6B
PRIOR ART

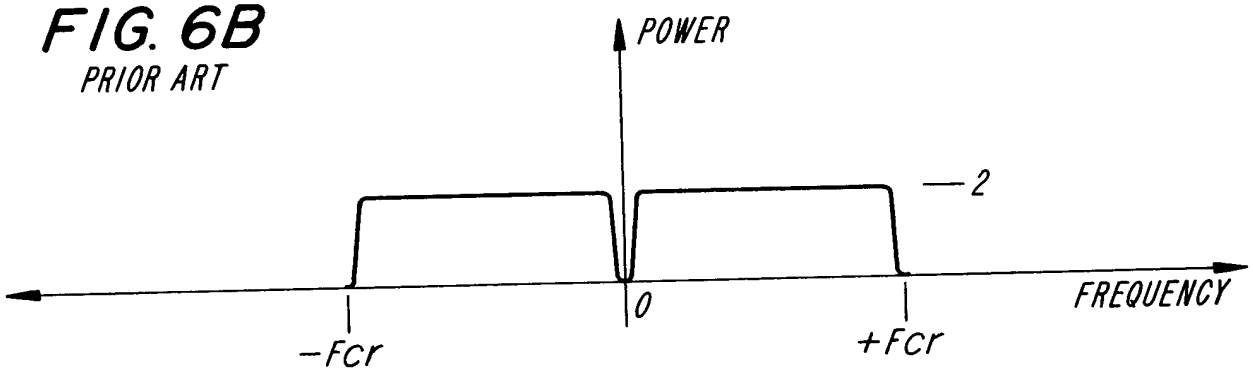


FIG. 6C
PRIOR ART

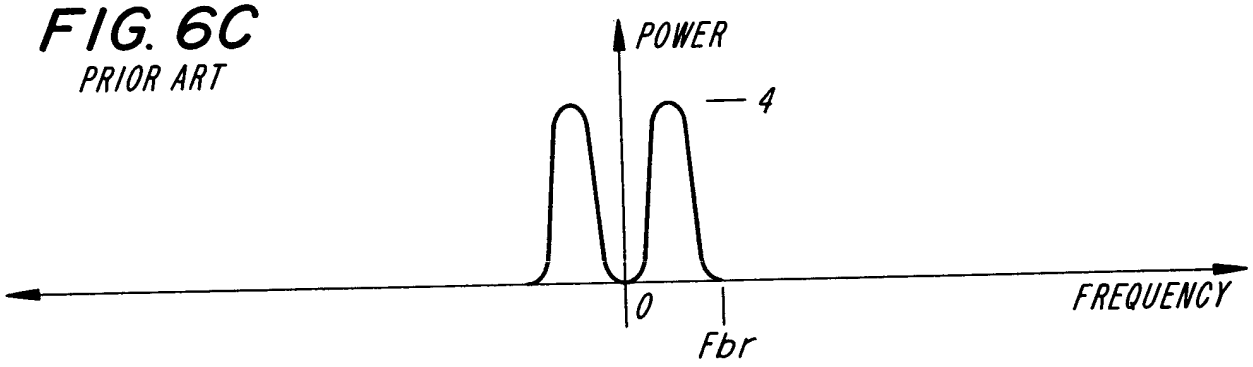


FIG. 6D
PRIOR ART

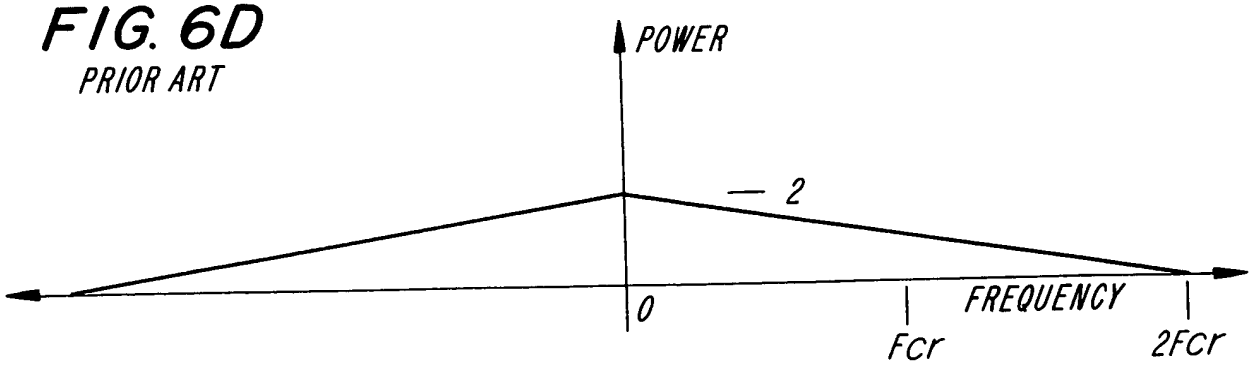


FIG. 6E
PRIOR ART

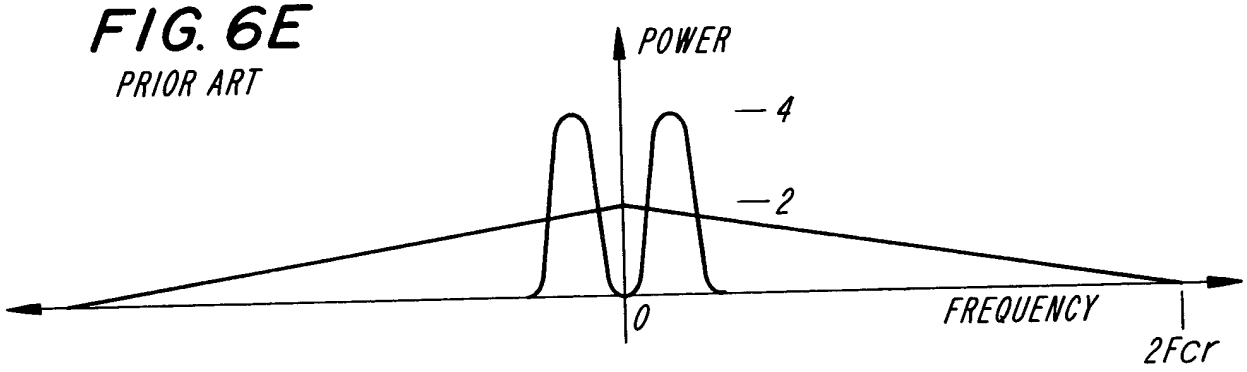


FIG. 6G
PRIOR ART

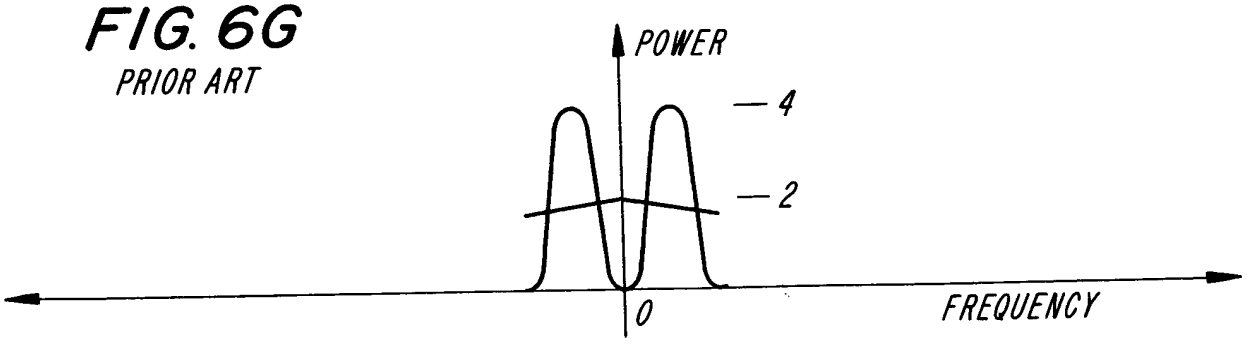


FIG. 8A

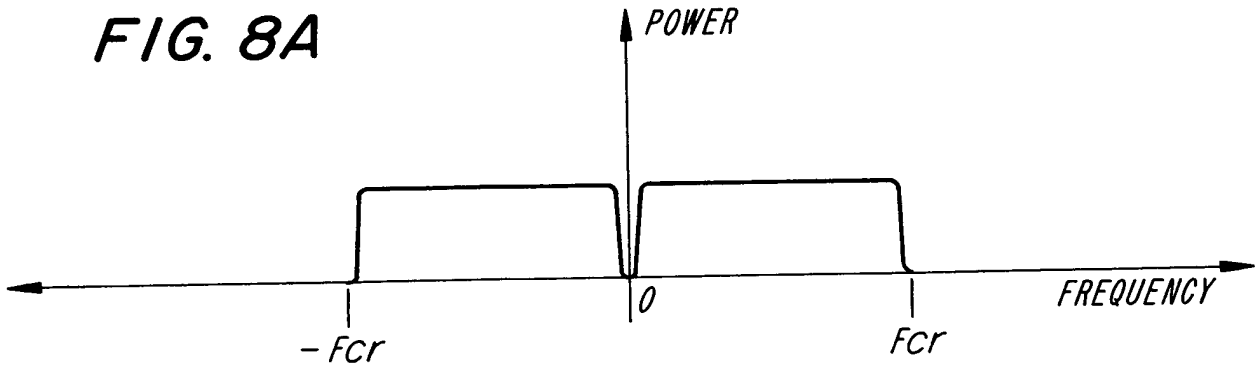


FIG. 8B

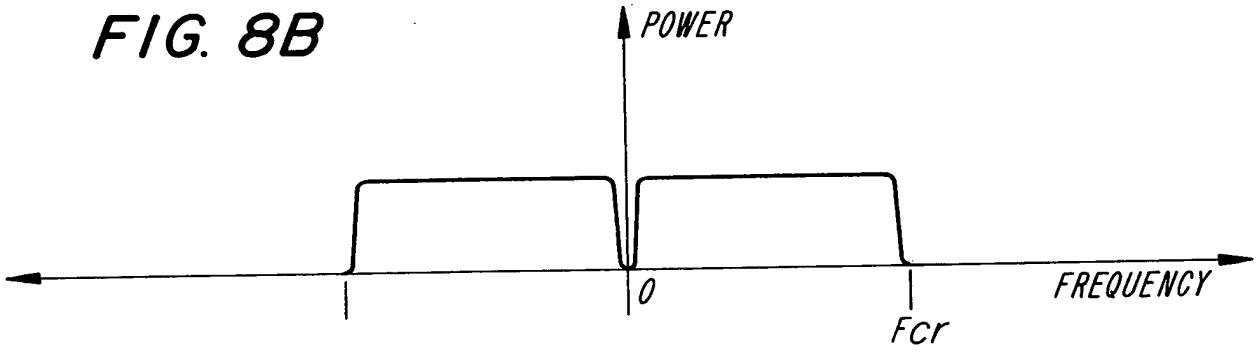


FIG. 8C

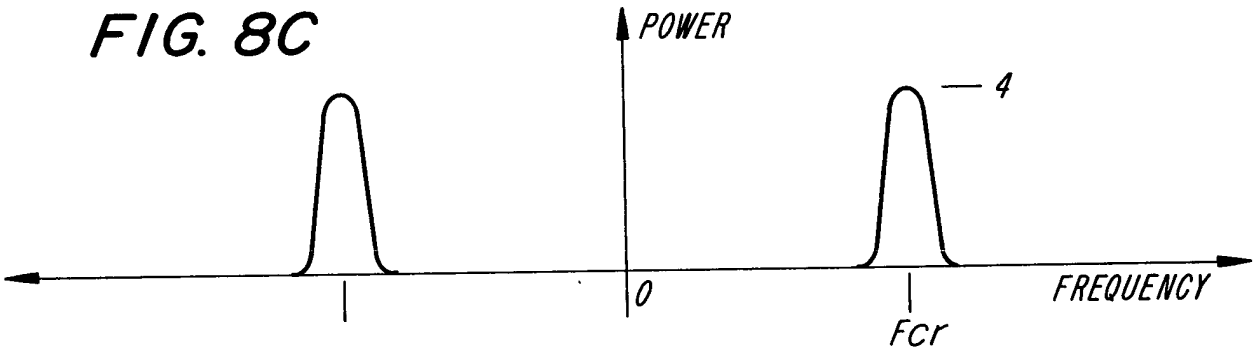


FIG. 8D

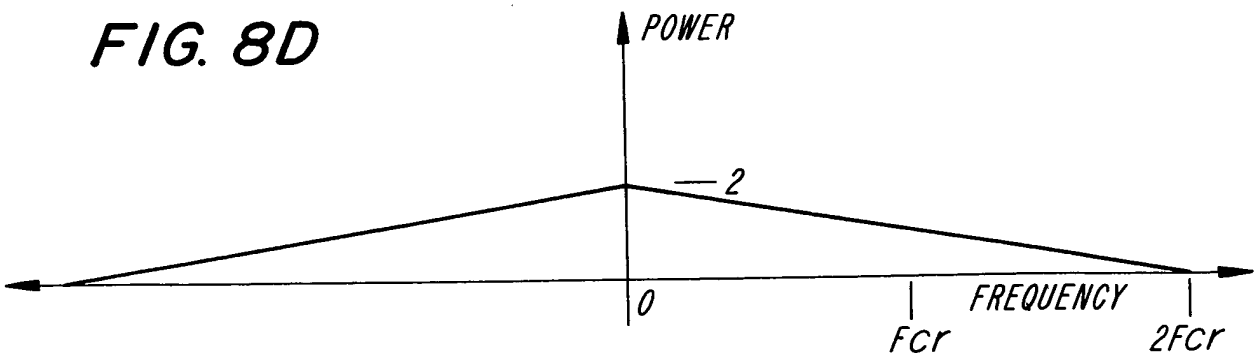


FIG. 8E

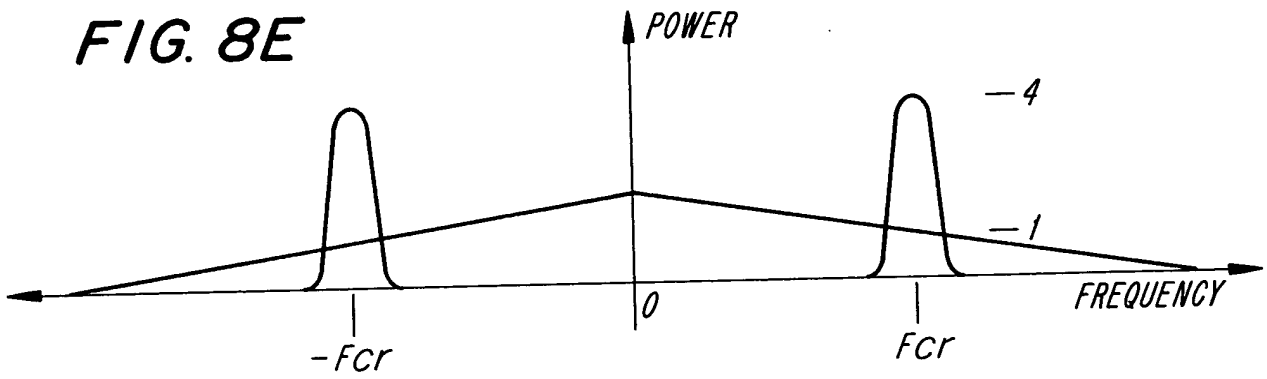


FIG. 8F

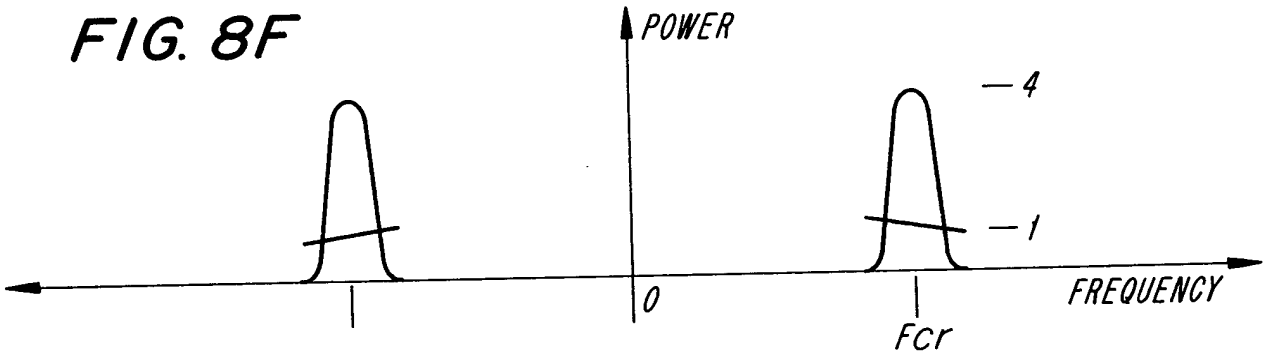
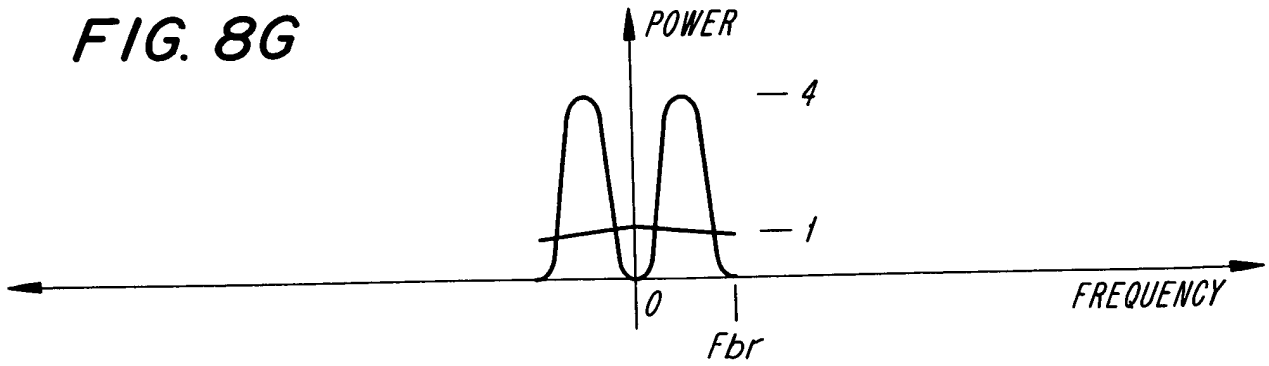



FIG. 8G